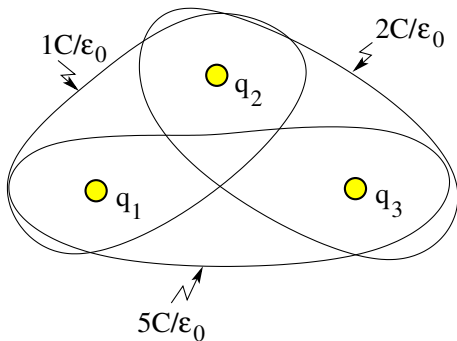


## Gaussian surface problem (4)



Three point charges  $q_1, q_2, q_3$  produce electric fluxes through the three Gaussian surfaces as indicated.



- (a) Find the net charge  $Q = q_1 + q_2 + q_3$ .
- (b) Find the individual charges  $q_1, q_2, q_3$ .